hp designjet 120 printer series

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Unleash your creativity and shape your colourful designs in all sizes from postcards to A1+ posters. Get stunning results at an attractive price with this professional HP graphics printer.

hp designjet 120

hp designjet 120nr

hp designjet 120nr with stand

The ideal graphics printer for design professionals, who need to bring their ideas to life on different media sizes up to A1+, requesting the most vibrant colours and best results print after print.

See your designs come to life with superb colour image quality every time you print.

- Print the most colourful designs with sharp detail and smooth tonal transitions with advanced CMYKcm colour-delivery system and HP Color Layering technology.
- Produce uniform colours and surface gloss effects with HP high quality dye inks and 4-picoliter ink drops.
- Create the most refined images at 2400 dpi resolution.
- Ensure colour matching at every step of your workflow with Apple® ColorSync compatibility.
- Get the same colours in all your prints with the automatic closed-loop colour calibration.

No need to outsource or cut and paste to get large prints. Print all sizes you need from one machine

- Display your ideas in all sizes from A6 to A1+ and custom sizes up to 625 x 1625 mm.
- Print-on-demand heavy and rigid media of weights up to 300 g/m^2.
- Achieve your largest results printing on roll sheet media up to 609.6 mm (24 inches) wide and 15.24 m (50 feet) long with the automatic roll sheet switcher*.
- Create in-house full size A1 proofs on HP proofing media.
- Choose from a variety of media finishes including photo paper, brochures and heavyweight coated stock.

Free yourself up to focus on your designs and spend less time printing.

- Plug it into your Mac® and start printing right away.
- Meet the deadlines producing high quality prints for client approval in less than 4 minutes (A3+ glossy best mode).
- Get your drafts quickly (1.5 mpp in A3+ normal mode) and spend the time on what is important to you.
- Replace supplies less often with HP's high capacity ink cartridges.
- Enhance your colour management capabilities with an optional HP software RIP with support for Adobe® PostScript® 3™ and automatic PANTONE® calibration.

*Automatic roll sheet switcher standard with HP Designjet 120nr.

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invent

technical specifications

print technology	HP Thermal Inkjet
print head nozzles	304
print speed	Glossy A3 normal: 1.5 minutes per page; glossy A3 best: 4 minutes per page Glossy A1 normal: 5 minutes per page; glossy A1 best: 12 minutes per page
maximum resolution	2400 x 1200 dpi
colour technology	2400 dpi, automatic closed-loop colour calibration providing consistency from print to print and from one printer to another; CMYK levels control, saturation, brightness and colour tones control, with optional software RIP: automatic PANTONE® calibration, PANTONE certified, ICC color profile support, press emulations, Apple ColorSync compatible
operating systems compatibility	Microsoft® Windows® (95, 98, Me, NT 4.0, 2000, XP), Macintosh® (9.1, 9.2, 10.1, 10.2)
minimum system requirements	Macintosh: iMac® (G3, G4), G3, G4, G4 dual processor, iBook®, PowerBook®, eMac™; Mac® OS X: v. 10.1.5, 128 MB RAM, 100 MB available hard disk space; Mac OS 9: v. 9.1, 64 MB RAM, 100 MB available hard disk space Microsoft® Windows® 95, 98: Pentium® I, 133 MHz, 48 MB RAM, 300 MB available hard disk space; Windows NT: Pentium II, 300 MHz, 64 MB RAM, 400 MB available hard disk space; Windows 2000: Pentium II, 300 MHz, 128 MB RAM, 400 MB available hard disk space; Microsoft Windows XP: Pentium III, 733 MHz, 128 MB RAM, 400 MB available hard disk space
recommended system requirements	Macintosh: iMac® G4 or G4 running Mac® OS X: v. 10.2.3, 256 MB RAM, 512 MB available hard disk space Microsoft® Windows® 95, Me: Pentium® I, 133 MHz, 64 MB RAM, 1 GB available hard disk space; Windows NT: Pentium III, 733 MHz, 128 MB RAM, 2 GB available hard disk space; Windows 2000: Pentium III, 733 MHz, 256 MB RAM, 2 GB available hard disk space; Microsoft Windows XP: Pentium IV, 1 GHz, 256 MB RAM, 2 GB available hard disk space
memory	64 MB
printer languages	Standard: PCL 3 GUI RGB 24-bit contone; optional: Adobe® PostScript 3™ support via optional software RIP
standard media sizes	A1, A1+, A2, A3, A4, B2, B3, B4, A2 metric oversize, A/B/C/D (English architectural), envelopes
custom media sizes	**HP Designjet 120**: sheets: 76 x 142 to 625 x 1625 mm **HP Designjet 120nr**: sheets: 76 x 142 to 625 x 1625 mm, roll feed (width): 609.6 mm
maximum length of roll media	15.2 m
maximum length of sheet media	Tray 1: 482.6 mm, manual sheetfeed: 1,625 mm, rear path: 1,625 mm
media types	Paper (plain, coated, two-sided brochure paper, photo, glossy, semi-gloss photo, heavyweight), transparencies
print margins	Top: 5 mm; left: 5 mm; right: 5 mm; bottom: 12mm (sheet media), 5 mm (roll media)
media handling	**HP Designjet 120**: 150-sheet A3+ size input tray, manual single-sheetfeed for media up to A1+, single-sheet rear path for thick media **HP Designjet 120nr**: 150-sheet A3+ size input tray, manual single-sheetfeed for media up to A1+, single-sheet rear path for thick media (300 g/m²), automatic roll-sheet switcher for roll feed
media handling, document finishing	**HP Designjet 120**: optional automatic roll feed with automatic cutter **HP Designjet 120nr**: automatic roll feed with automatic cutter
power requirements	Input voltage 100 to 240 VAC auto-ranging, 50/60 Hz, 2 amp maximum
power consumption	65 watts maximum
interface and connectivity	Standard: **HP Designjet 120**: USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot; **HP Designjet 120nr**: USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot HP Jetdirect 615n print server for fast Ethernet Optional: **HP Designjet 120**: HP Jetdirect 615n print server for Fast Ethernet Drivers included: Raster driver for Mac® OS (9.x, X.1, X.2), PCL 3 GUI Windows® driver, Microsoft® Windows drivers (95, 98, Me, NT 4.0, 2000, XP)
dimensions (w x d x h)	Out of package: **HP Designjet 120**: 1050 x 400 x 220 mm; **HP Designjet 120nr**: 1050 x 520 x 220 mm Out of package, with stand: **HP Designjet 120**: 1050 x 800 x 220 mm; **HP Designjet 120nr**: 1050 x 920 x 220 mm Packaged: **HP Designjet 120**: 1192 x 545 x 465 mm; **HP Designjet 120nr**: 1192 x 665 x 465 mm
weight	Out of package: **HP Designjet 120**: 21 kg; packaged: **HP Designjet 120**: 33 kg
operating environment	Environmental ranges: operating temperature: 5 to 40° C, operating humidity: 20 to 80% RH; recommended operating humidity: 25 to 75% RH, recommended operating temperature: 15 to 30° C; storage temperature: -20 to 55° C; storage humidity: 20 to 80% RH; noise level per ISO 9296: sound power LwAd: 6.2 B(A), sound pressure LwAm: 50 db(A)
certifications	Compliant with requirements for Class B ITE products (Class A when connected to LAN cables), EU (EMC Directive), USA (FCC rules) Canada (DOC), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI), Class A for Korea (MIC), Taiwan (BSMI) Regulatory standards: ITE product compliance, EU LVD, CSA certified for US and Canada, Mexico NOM-1-NYCE, Argentina: IRAM, China CCC, Singapore PSB, Russia: GOST, Poland PCBC, Korea KTL, Energy Star®
warranty	1 year warranty includes phone support from Monday to Friday at business hours and express exchange in most countries. Some countries may have slightly different support delivery methods depending on local infrastructure. With HP Supportpacks you can extend your warranty up to 3 years.

ordering information

c7791a	hp designjet 120 printer, power cord, parallel cable (AP) USB cable (EMEA, Mexico), printheads (6), print cartridges (6), input/output tray, Macroinstaller, drivers CD, user documentation CD, setup poster, quick start guide, unpacking instructions, media samples
c7791b	hp designjet 120nr printer also includes: automatic roll sheet switcher, hp jetdirect 615n print server

accessories

j6057a	hp jetdirect 615n internal print server (MIO - 10/100TX)
q1264a	spindle for hp designjet 100 series
q1247a	hp designjet 120 automatic roll sheet switcher
q1246a	stand & bin for hp designjet 100 Series
q1291a	hp designjet 120 software rip

roll sheet media

q1404a	hp coated paper, (24")-wide roll
q1412a	hp heavyweight coated paper, (24")-wide roll
q1426a	hp high gloss photo paper 24" roll
q1420a	hp semi-gloss photo paper 24" roll
q1396a	hp inkjet bond paper 24" roll
c7009a	hp double matte erasable film 24" roll

cut sheet media

q1970a	hp proofing paper glossy, A3+
c7884a	hp proofing paper semi-gloss, A3+
q1967a	hp proofing paper matte, A3+
q1963a	hp proofing paper glossy, A2+
q1964a	hp proofing paper glossy, A1+
q1961a	hp coated paper, A2+
q1962a	hp coated paper, A1+
c6821a	hp brochure and flyer paper, A3 (50 sheets)
c6059a	hp premium photo paper, glossy, A3 (20 sheets)

service & support

u3423a/e	hp care pack express exchange, 3 year

For a complete list of printing material and selection numbers, please refer to the HP website at http://www.hp.com/go/designjet and select "Printing Materials"

http://www.hp.com

For more information, please call your local HP sales office or representative: **Austria:** 0810/006080 (local rate call), **Algeria:** (0)61 56 45 43, **Bahrain:** 800 728, **Belgium:** (078) 15 20 30 (0.0496 €/min), **Luxembourg:** (+352) 263 160 34, **Bulgaria:** (+359) 2960 1940, **Croatia and Slovenia:** (+385 1) 60 60 200, **Czech Republic:** +420 261 307 111 (Prague), **Denmark:** 45991700 or 70101125, **Egypt:** 532 5222, **Estonia:** (+372) 6505 263, **Finland:** (09) 88721, **France:** (1) 69 82 6060, **Germany:** 0180 532 6222 (12 Cent/min), **Greece:** (01) 678 96 00, **Hungary:** (+36) 1 382-1111, **Iceland:** (354) 570 1000, **Ireland:** + 353 1 6158200, **Israel:** (972) 9 8304848, **Italy:** (02) 92121, **Kazakhstan:** +7 (3272) 980 824, **Latvia:** (371) 800 80 12, **Lithuania:** (370) 2 787 333, **Middle East:** 00971 4 883 4427, **Morocco (African Region):** +212 22 40 47 47, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia: 0-800 122 622, **Portugal:** (808) 206 001, **Romania:** (+401) 205 3300, **RSA:** (27)11 785 1000, **Russia:** +7 (095) 797 35 00, **Saudi Arabia:** 800 124 4646, **Slovakia:** +421-2-50222111, **Spain:** (91) 6311600, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Tunisia:** 71 891 222, **Turkey:** +90 (216) 579 71 71, **UAE:** 8004910, **UK:** 08705 474747, **Ukraine:** +380 44 490 61 20, **Yugoslavia:** +381 11 322 80 14.

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